JC12 Rec'd PCT/PTC 1 0 JUN 2005

PTO-1	tute for 390		PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
		TRANSMITTAL LETTER T		033495-017
		DESIGNATED/ELECTED		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
NITE	DNI	CONCERNING A FILING LATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	10/514,430 C
1416	-KINA	PCT/EP03/004715	May 6, 2003	May 16, 2002
TTL	E OF	FINVENTION	May 0, 2000	Wdy 10, 2002
D.C.	OT!	OLDAL DVDIDINEGADDOVAR	AIDE DEDIVATIVE	
PE:	5110	CIDAL PYRIDINECARBOXAI	WIDE DERIVATIVES	
		ANT(S) FOR DO/EO/US	Noribiko NAKAKI IRA Fiichi SHIMO IO Dale	Robert MITCHELL, Henricus Maria Martinus BASTIAANS,
			ARNOLD, Waltraud HEMPEL, Olga MALSAM	·
Арр	lican	t herewith submits to the United Stat	es Designated/Elected Office (DO/EO/L	JS) the following items and other information:
1.		This is a <b>FIRST</b> submission to items	concerning a filing under 35 U.S.C. 371	l.
2.	X	This is a SECOND or SUBSEQUEN	IT submission of items concerning a filin	g under 35 U.S.C. 371.
3.		This is an express request to begin (6), (9) and (22) indicated below.	national examination procedures (35 U.S	S.C. 371(f)). The submission must include items (5),
ŀ.			piration of 19 months from the priority da	ite (Article 31)
5.		A copy of the International Application		, , , , , , , , , , , , , , , , , , , ,
	_		only if not communicated by the Interna	ational Bureau
		b. has been communicated by		nuoriai bureau).
				polying Office (BO/US)
3	П		cation was filed in the United States Red	
J.	Ц		he International Application as filed (35 t	U.S.C. 37 1(c)(2))
		a. is attached hereto.	had anadas 2511.0.0. 454/dV4)	
7			ted under 35 U.S.C. 154(d)(4).	40 (05 11.0 0.074(.)(0))
٠.	ш		ternational Application under PCT Article	, , , , , ,
			ed only if not communicated by the Interr	national Bureau).
				december NOT assisted
		d. have not been made; nowed.	ver, the time limit for making such amen	aments has NOT expired.
0	_			T. A. II. A.
8.			he amendments to the claims under PC	1 Article 19 (35 U.S.C. 371(c)(3)).
	_	An oath or declaration of the invento		
0.		An English language translation of the PCT Article 36 (35 U.S.C. 371(c)(5))	he annexes of the International Prelimin ).	ary Examination Report under
	Item	ns 11 to 21 below concern docume	ent(s) or information included:	
11.		An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.	
12.		An assignment document for record	ing. A separate cover sheet in compliar	nce with 37 CFR 3.28 and 3.31 is included.
13.		A FIRST preliminary amendment.		
14.		A SECOND or SUBSEQUENT prelii	minary amendment.	
15.		A substitute specification.		
6.		A change of power of attorney and/o	or address letter.	
17.		A computer-readable form of the se	quence listing in accordance with PCT F	Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18.		A second copy of the published inte	mational application under 35 U.S.C. 15	54(d)(4).
19.		A second copy of the English langua	age translation of the international applic	cation under 35 U.S.C. 154(d)(4).
		Other the second of the second		
20.	X		emental Application Data Sheet; copy of filing of inventors' declaration was paid of	Notification of Missing Requirements Under 37 C.F.R. on November 16, 2004

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U.S. APPLICATION NO. or town, see 37 CRT   TERNATIONAL APPLICATION NO.   ATTO   O33495-017    21.   Applicant(s) requests that the published application include the following assignment information:   CALCULATIONS PTO USE ONLY    22.   The following fees are submitted:   Basic Filing Fee (1631)   Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than   20   30   \$0.00    Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than   20   30   \$0.00    months from the earliest claimed priority date (37 CFR 1.432(e)).   CALMMS   NUMBER FILED   NUM			<b>1</b> 277.				
22.	J.S. AP				NO. ATTO		
22.		10/514,430	1	PCT/EP03/004715			
22.	1. 🗖	Applicant(s) requests th	at the nublished applicati	on include the following	assignment	CALCULATIONS	PTO USE ONLY
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Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than	2. 🔲	The following fees are se	ubmitted:				
Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than	Bas	ic Filing Fee (1631)			·	\$ 0.00	•
months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total Claims    20 = 0			) for furnishing the oath o	or declaration later than	□ 20 □ 30		
Total Claims						\$ 0.00	
Independent Claims		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)	Tota	l Claims	-20 =	0	× \$50.00 (1615)	\$ 0.00	
Examination Fee	Inde	pendent Claims	-3 =	0	× \$200.00 (1614)	\$ 0.00	
Search Fee	MUL	TIPLE DEPENDENT CL	AIM(S) (if applicable)		<sup>+</sup> \$360.00 (1616)		
Appl. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)  TOTAL OF ABOVE CALCULATIONS = \$0.00  Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  SUBTOTAL = \$0.00  Processing fee of \$130.00 (1618) for furnishing the English translation later than 20 30 \$0.00  TOTAL NATIONAL FEE = \$0.00  Fee for recording the enclosed assignment (37 CFR 1.492(f)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +  TOTAL FEES ENCLOSED = \$0.00  Amount to be refunded:  a. A check in the amount of to cover the above fees is enclosed. Charged:  b. Please charge my Deposit Account No. 02-4800 in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.  c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800 Aduplicate copy of this sheet is enclosed.  d. Charge to credit card. Form PTO-2038 is attached.  NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a))	Exa	mination Fee			<sup>+</sup> \$200.00 (1633)	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS = \$ 0.00  Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  SUBTOTAL = \$ 0.00  Processing fee of \$130.00 (1618) for furnishing the English translation later than	Sea	rch Fee			<sup>+</sup> \$500.00 (1632)	\$ 0.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.    SUBTOTAL = \$0.00	App	. Size Fee (add \$250.00	for each add'l 50 sheets	exceeding 100 sheets)			
SUBTOTAL   \$ 0.00				TOTAL OF ABOV	E CALCULATIONS	\$ 0.00	
Processing fee of \$130.00 (1618) for furnishing the English translation later than			entity status. See 37 CFF	1.27. The fees indicate	ed above	\$ 0.00	
TOTAL NATIONAL FEE = \$ 0.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +  TOTAL FEES ENCLOSED = \$ 0.00  Amount to be refunded:  a.  A check in the amount of to cover the above fees is enclosed.			\$ 0.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +  TOTAL FEES ENCLOSED = \$0.00  Amount to be refunded:  a.  A check in the amount of			\$ 0.00				
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<ul> <li>b. Please charge my Deposit Account No. <u>02-4800</u> in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.</li> <li>c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</li> <li>d. Charge to credit card. Form PTO-2038 is attached.</li> <li>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a))</li> </ul>						refunded :	
duplicate copy of this sheet is enclosed.  c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800 . A duplicate copy of this sheet is enclosed.  d. Charge	a.	A check in the amou	nt of	to cover the above fees	s is enclosed.	charged :	
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d. Charge to credit card. Form PTO-2038 is attached.  NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a)	C.					ired, or credit any o	verpayment to
	d.	_					
or (b)) must be filed and granted to restore the application to pending status.						etition to revive (37	CFR 1.137(a)
	) 10	o)) must be med and gr	anted to restore the app	pileation to pending st	atus.		
SEND ALL CORRESPONDENCE TO: Mary Katherise Bauneister	SEI	ND ALL CORRESPONDI	ENCE TO:		Mary Kas	Herise Baux	reister
Burns, Doane, Swecker & Mathis, L.L.P. SIGNATURE	Ru	rns Doane Swecke	er & Mathis III P		,	-t	
P.O. Box 1404			,				•
Alexandria, Virginia 22313-1404 Mary Katherine Baumeister	Ale	exandria, Virginia 22	313-1404		Mar	/ Katherine Bau	meister
(703) 836-6620 NAME	(70	3) 836-6620			NAME		
26,254 June 10, 2005					26 254	Jun	e 10. 2005
REGISTRATION NO. DATE							



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vinginia 22313-1450 www.usplu.gov

ATTY. DOCKET NO. FIRST NAMED APPLICANT U.S. APPLICATION NUMBER NO. 033495-017 Koichi Araki 10/514.430

INTERNATIONAL APPLICATION NO.

PCT/EP03/04715

LA. FILING DATE

PRIORITY DATE

05/06/2003

05/16/2002

**Burns Doane Swecker & Mathis** P O Box 1404 Alexandria, VA 22313-1404

**CONFIRMATION NO. 4362 371 FORMALITIES LETTER** \*OC000000015706652\*

\*OC000000015706652\*

Date Mailed: 04/12/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

Copy of the International Application filed on 11/16/2004

Copy of the International Search Report filed on 11/16/2004

Preliminary Amendments filed on 11/16/2004

Information Disclosure Statements filed on 11/16/2004

Request for Immediate Examination filed on 11/16/2004

U.S. Basic National Fees filed on 11/16/2004

Priority Documents filed on 11/16/2004

Power of Attorney filed on 11/16/2004

EHW MKB

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

## SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

## PART 1 - ATTORNEY/APPLICANT COPY

ADM ICA TION AND THE NO	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.	
U.S. APPLICATION NUMBER NO. 10/514,430	PCT/EP03/04715	033495-017	

FORM PCT/DO/EO/905 (371 Formalities Notice)